

OWNER'S MANUAL

Palsonic

**24CM AC/DC REMOTE COLOUR TELEVISION
MODEL: 2418**

**PALSONIC CORPORATION PTY LTD
1 JOYNTON AVENUE
WATERLOO NSW 2017 AUSTRALIA
TEL:(02)9313 7111
FAX:(02)9313 7555
www.palsonic.com.au**

**PALSONIC CUSTOMER SERVICE
TELEPHONE
AUSTRALIA:1300 657 888**

This equipment has been designed and manufactured to meet the highest international standards, but, like any electrical apparatus which is operated at mains voltage, care must be taken if you are to obtain the best results and safety is to be assured. This is particularly important with audio and TV equipment.

- DO read this handbook carefully and keep it handy for ready reference.
- DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Check that the mains fuse rating is correct.
- DO always call in your dealer if you are ever in doubt about the installation, operation or safety of your equipment, he is the best person to advise you.
- DO unplug the power cord if the appliance is left unused.
- DON'T obstruct the necessary all round ventilation: especially DON'T stand the set close to curtains or on soft furnishing such as carpets. Overheating can cause unnecessary damage and shorten the life of the set.

Remember that to obtain the best performance and lasting satisfaction from your equipment : -

have it regularly maintained by a reliable service organisation: ensure that it is correctly used by all the family.

■ ABOVE ALL:-

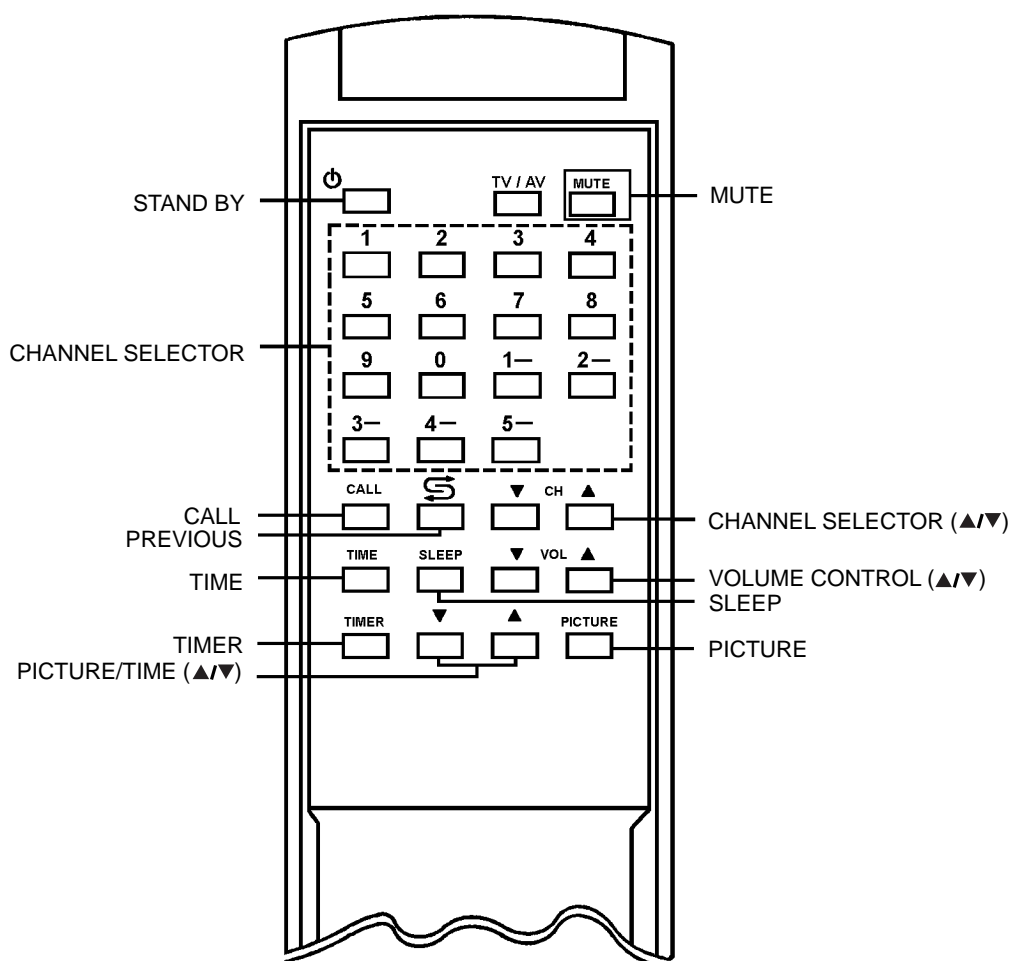
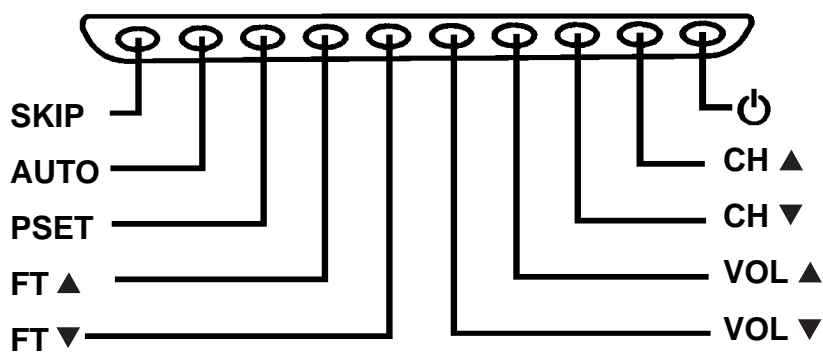
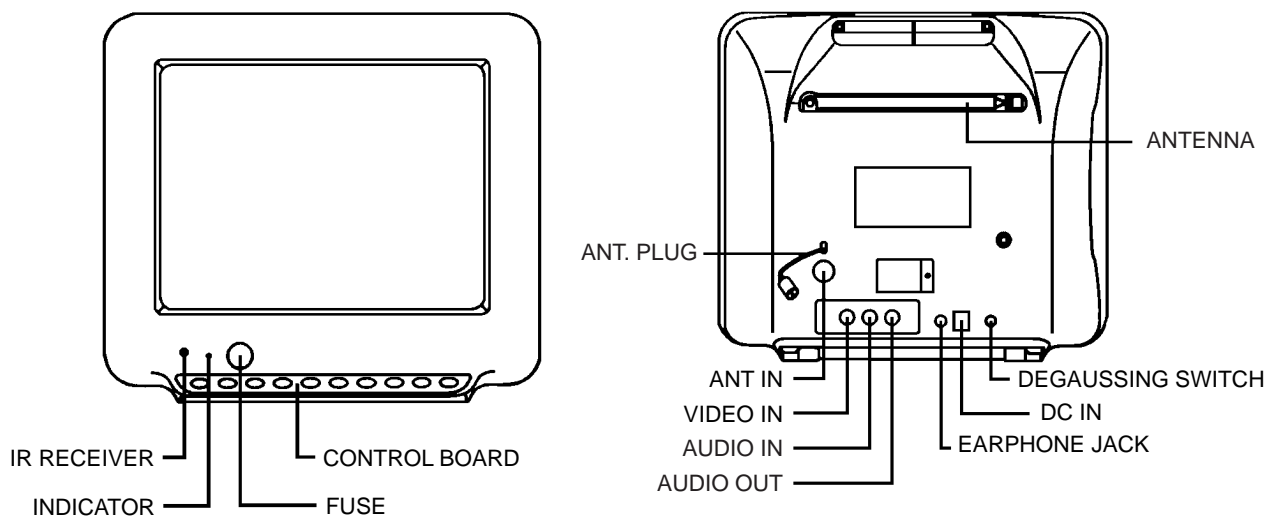
- Never let children push anything into holes or slots in the cabinet - this could result in an electric shock.
- Never guess or take chances with electrical equipment of any kind-it is better to be safe than sorry.

■ WARNING:

- To prevent fire or shock hazard do not expose this appliance to rain or moisture.
- No user serviceable parts inside. Refer servicing to qualified service personnel. Never remove covers unless qualified to do so; this unit contains dangerous voltages.

■ LOCATION:

- LOCATE appliance in the room where direct light does not strike the screen.
- ALLOW adequate space between the appliance and the wall to permit proper ventilation.
- AVOID excessive warm and dusty location to prevent possible damage to the cabinet and component failure.
- NEVER install the appliance in a strong magnetic field;
- CONNECT the appliance to DC 12V. The range of the DC power supply must be in 12V - 14V.

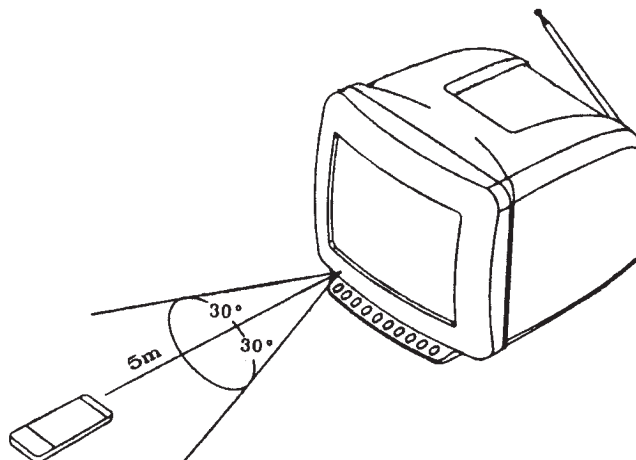


■ INSTALLING BATTERIES :

1. Remove the battery cover of Remote Control Unit.
2. Insert two "AAA" 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Close the battery cover.

* When the Remote Control Unit is not used for a long time or the batteries are worn out, take out the batteries to prevent electrolyte leakage.

- * Take care not to drop, dampen, disassemble the Remote Control Unit.
- * Operatable remote control range is limited as shown.



OPERATING INSTRUCTIONS:

■ ANTENNA CONNECTIONS

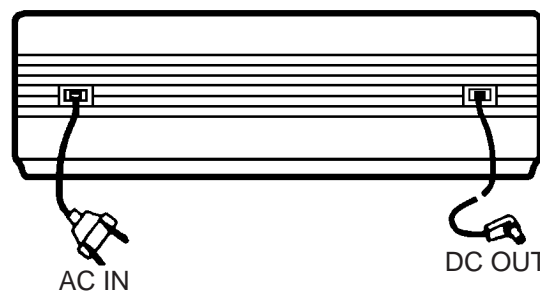
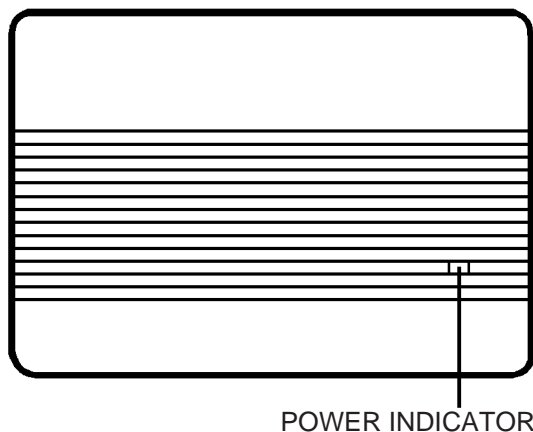
- Optimum colour reception requires a good antenna. An out-door antenna will be more effective to obtain a clear-picture.
- Insert the out-door antenna into the antenna socket on the cabinet back. Adjust the direction or position for the best possible picture.
- When there is no outdoor antenna, an indoor antenna fixed in the back-upper of the cabinet will help you, adjust the direction and angle to get the cleat-picture.

■ POWER SUPPLY AND STANDBY BUTTON

The set can operate with AC 240V or 12V DC

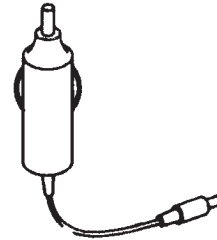
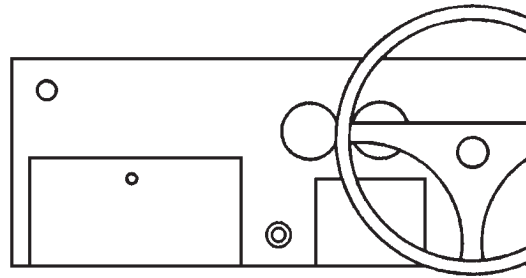
• AC POWER SUPPLY

1. Plug the AC power adaptor of the AC-POWER ADAPTOR to an outlet supplying AC 240V the indicator is red, plug the DC power cord of the AC-POWER ADAPTOR to the DC socket on the back of the cabinet, the TV set will be in stand by mode, the power indicator is red.
2. Press the STAND BY (⏻) button on the front panel or the Remote Control Unit, then the power indicator is green, and the channel position number is displayed in the upper right corner of the screen for 15 seconds.
3. Press the STANDBY (⏻) button again, the set will go into STANDBY mode, the indicator is red.



• DC POWER SUPPLY:

1. Be sure the DC power supply is 12V-14V, attach the plug of DC power cord to the DC socket on the back of the cabinet. The set will be in stand by mode, the power indicator is red. If this television is being used in a mobile installation, attach the small connector of the supplied Car Battery Cord to the DC 12V jack on the rear of the set, and the power indicator lighted.



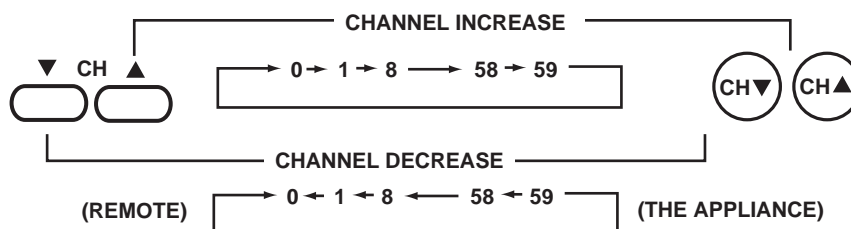
2.3 same as AC POWER SUPPLY.

ATTENTION :

1. Unplug the power cord when you are not watching the set:
2. Be sure the polarity of the power supply is correct when operating on DC power supply.
3. Be sure the tolerance current of the DC power supply cord(not supplied) is over 5A.
If not, it will be very hot and very dangerous for you safety.

■ CHANNEL SELECTION

- This set is preset to Australia channels 2,7,9,10,28 on those numbers. If you wish to change the settings, or add more channels, the method is quite straight forward.
- Press CHANNEL SELECTOR button on the appliance or the Remote Control Unit, the channel number will be increased or decrease as shown in the following Fig, and displayed in the upper right comer of the screen.



- Use the CHANNEL SELECTOR button on the Remote Control Unit to select channel.

a) Single digit channel

In this method, you can only select any one of 0-9 program position directly by pressing the 0-9 button accordingly.

b) Two-digit channel

In this method, you should press the "1-" "2-" "3-" "4-" or "5-" button at the first, then press the 0-9 button. For example, if you wish to receive channel 28, press "2" button, then press "8" button

NOTE: To select two-digit channel, the second digit must be pressed within 2 seconds.

* PREVIOUS BUTTON (REMOTE CONTROL UNIT)

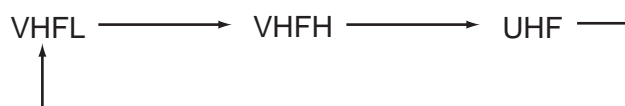
Pressing this button to select the channel that was tuned immediately before the one being watched. For example: If you are watching the program on channel 6, and the previous program you watched is on channel 15; then you can press the button to reach channel 15, press it again to return channel 6.



■ CHANNEL PRESET

• AUTO PRESET

1. Press the PSET (PRESET ON/OFF) button on the front panel. The current band and channel position will be displayed on screen (in green).
2. Press AUTO (AUTO PRESET) button, the appliance will search the signal of TV station in the order of VHFL, VHFH and UHF, as shown in the following, and memorise them from channel number 1 position.



* During presetting, the green block turns into yellow.

The moving red block indicates the change of tuning voltage.

3. When presetting is over, the channel position is set to number 1 automatically.
4. Press PSET (PRESET ON/OFF) button to exit preset mode.

NOTE: During presetting, auto presetting will be cut off if any one of STAND BY button, PRESET ON/OFF button or AUTO PRESET button is pressed.

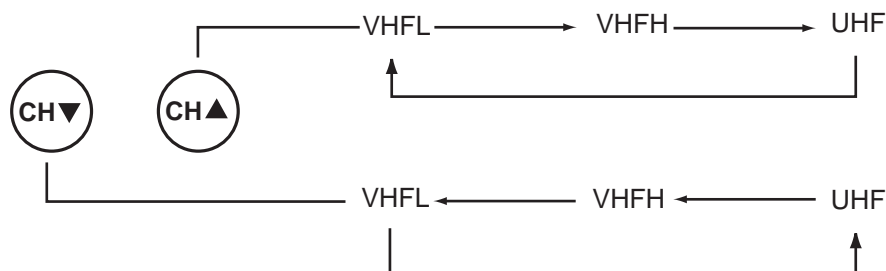
• MANUAL TUNING

1. Press PSET (PRESET ON/OFF) button to set preset mode.
2. Select a channel position.

* If "SKIP" displays on the screen, press "SKIP" button on the front panel to exit "SKIP" mode.



3. Press and hold manual tuning button "FT▲" "FT▼" till your desired program appears.



4. Press PSET (PRESET ON/OFF) button to exit preset mode.

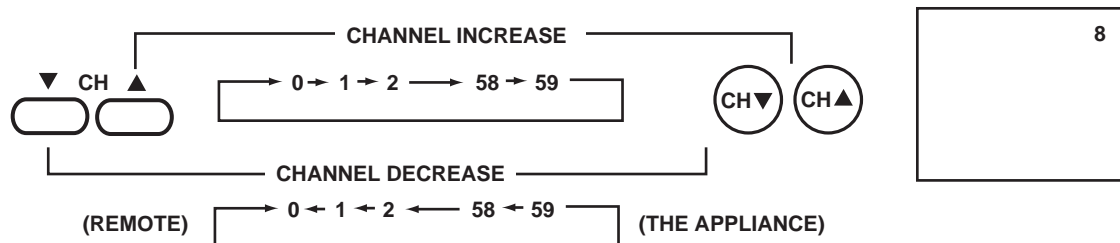
The searched program station has been memorised at the present channel position.

5. Repeat 1 ~ 4 steps to search another channel.

■ SKIP BUTTON:

• FUNCTION:

When CHANNEL SELECTOR button is used to select channels, the channel will be skipped if they are set to "SKIP" mode. For example: Set 2~7 channels to "SKIP" mode, the procedure of channel position increasing or decreasing.



• OPERATION:

1. Press PSET (PRESET ON/OFF) button to set preset mode.
2. Select a channel by using CHANNEL SELECTOR button.
3. Press "SKIP" button, "SKIP" will be displayed on the screen to indicate that the channel is at "SKIP" mode.



4. Repeat 2 ~ 3 steps to skip another channel.
5. Press PRESET ON/OFF button to exit preset mode.

■ SOUND CONTROL:

• VOLUME CONTROL

Press the VOL ▲ button on the appliance or the Remote Control Unit to increase volume; the red block on the screen moves right.

Press the VOL ▼ button on the appliance or the Remote Control Unit to decrease volume; the red block on the screen moves left.

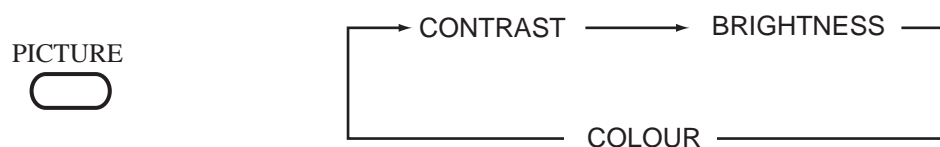
• MUTE BUTTON (REMOTE CONTROL UNIT)

When there is a phone-call or a visitor, it can temporarily shut off the sound without affecting the picture.

To resume normal, press the MUTE or VOLUME (▲/▼) button. The previous volume will be displayed for 4 seconds.

■ PICTURE CONTROL (REMOTE CONTROL UNIT)

- Press the PICTURE CONTROL button on the Remote Control Unit.
The FUNCTION to be adjusted is selected in sequence as shown in the following chart at every press of the button.



- Adjust the ▲/▼ button to obtain satisfactory picture.

<div>ON SCREEN DISPLAY</div> <div>CAPTION DISPLAY</div> <div>FUNCTION</div>		<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Red Block Moves</div>															
		Press ▼ button							Press ▲ button								
		Contrast	CONTRAST	Weak							Strong						
		Brightness	BRIGHTNESS	Dark							Light						
Colour	COLOUR	Pale							Deep								

■ CALL BUTTON (REMOTE CONTROL UNIT)

Press this button, the present channel number will be displayed on the screen. If the electronic clock is in operation, the channel and time will be displayed together at the upper right corner of the screen.

Press the button again to cancel.

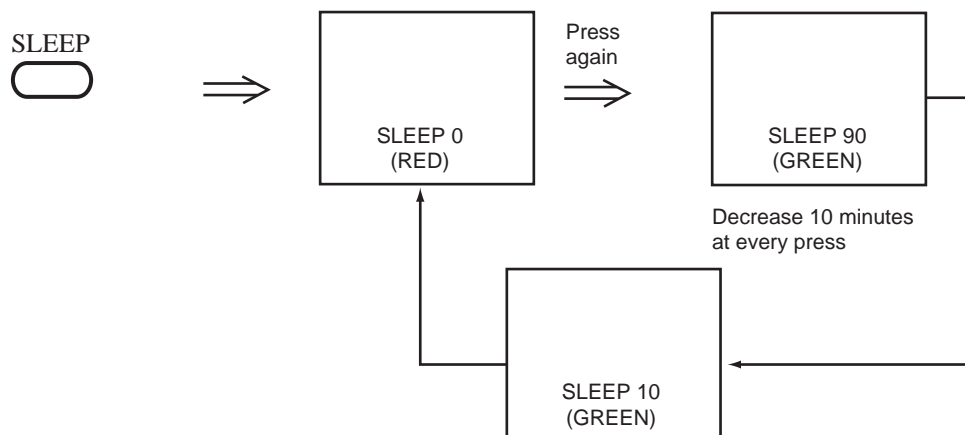


■ STAND BY BUTTON

- Press stand by button (⏻) on the appliance or the Remote Control Unit, the power indicator is red, the appliance is set to stand by mode.
- Press stand by button (⏻) again, the appliance is turned on and the indicator is green.

■ SLEEP BUTTON (REMOTE CONTROL UNIT)

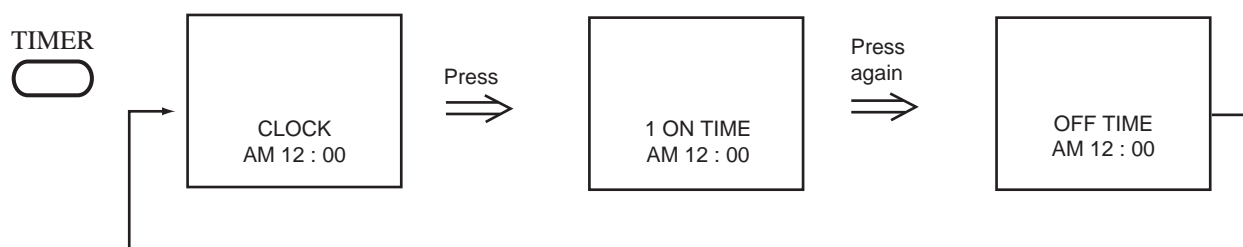
- Using SLEEP button allows you to have the appliance automatically turned off a predetermined time, and set the appliance to stand by mode.



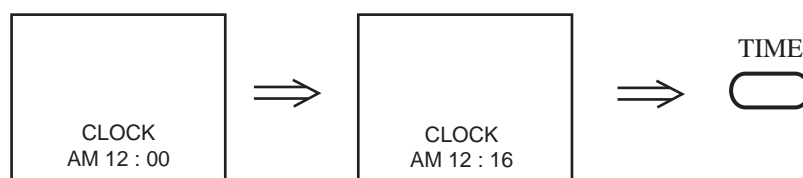
- After the SLEEP function is set, the remaining time will be automatically displayed for 4 seconds every ten minutes.
- * If you press STAND BY button while the SLEEP function is operating, the SLEEP function will be cancelled automatically.

■ TIMER OPERATION (REMOTE CONTROL UNIT)

Using TIMER button to select one of three timer modes, which are CLOCK mode, ON TIMER mode and OFF TIMER mode respectively.



- CLOCK**
 - Press the TIMER button until "CLOCK" displays on screen.
 - Press ▲ button to set the preset hour.
Press ▼ button to set the preset minute.
 - After setting the clock, press TIME button to start operating.



4. Use CALL button to display the present time on screen. See "CALL" operation

* In case of power failure, the clock operation will be cancelled.

• **ON TIME OPERATION:**

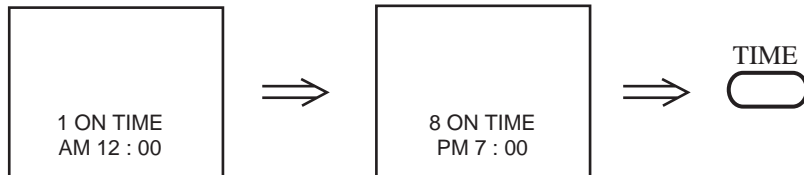
1. Set the CLOCK in operation mode.

2. Press the TIMER button until "ON TIME" displays on the screen.

3. Press the ▲ button to select the exact hour when you want to turn on the appliance.

Press the ▼ button to select the exact minute when you want to turn on the appliance.

4. Press the CHANNEL SELECTOR to set your desired channel.



5. Press TIME button, the CLOCK indicator is green instead of red

ON TIME function starts operating. Then press STAND BY button to set stand by mode.

6. The appliance will be turned on automatically when the clock reaches your setting time.

* The ON TIME operation will be cancelled if you switch off the power before your setting time is up.

* If the TV set keeps on working after you have set the ON TIME function, the channel number will be changed to the setting one when the setting time is up.

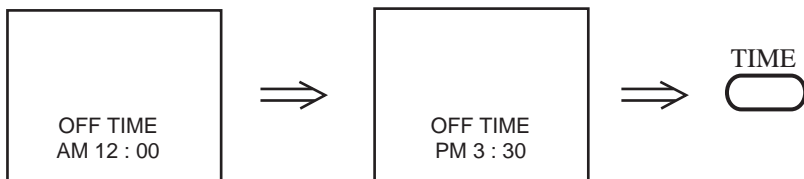
• **OFF TIME**

1. Set the CLOCK in operation mode.

2. Press TIMER button till "OFF TIME" displays on the screen.

3. Press ▲ button to select the exact hour when you want to turn off the appliance.

Press ▼ button to select the exact minute when you want to turn on the off the appliance.



4. Press TIME button, then the CLOCK indicator is green instead of red.

OFF TIME function starts operating.

5. The appliance will be turned off when your setting time is up, and return to stand by mode.

* The OFF TIME function will be ineffective if the following conditions occurs;

◆ Press STAND BY button before the setting time is up.

◆ Switch off the power before the setting time is up.

■ **TV/AV SELECTOR (REMOTE CONTROL UNIT)**

• Press TV/AV button to change TV mode to AV mode, then "VIDEO" will be displayed in

the upper corner of the screen for 4 seconds. Press AV/TV button again to return TV mode, the original channel will be displayed in the upper right corner of the screen.

- Set to TV mode when receiving or recording TV program.

■ AV CONNECTOR

This TV set is equipped with AUDIO/VIDEO input jacks and AUDIO output jack for your desired equipment to be connected.

- Connect the TV and VCR by the cables as Fig. 1

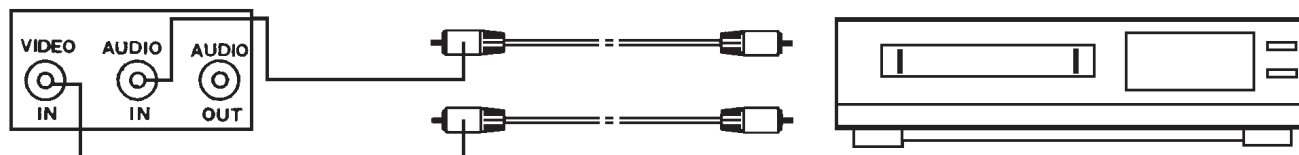


Fig.1

- Select the VIDEO mode by press the TV/AV button on the Remote Control Unit. The "VIDEO" will display on the screen, now you can now watch the VCR programs.

AUDIO OUT FUNCTION:

- Connect this output to the AUX or MONITOR INPUT of an external amplifier or receiver.

■ EARPHONE

In the deep night, you can receive the TV sound by earphone, not to disturb others. Insert the plug to the earphone sorket on the back of the cabinet. The speaker cut off automatically when the earphone is inserted.

■ DEGAUSSING

The set supplys a munual degaussing function. Push the DEGAUSS button on the back of the cabinet, then loosen it, repeat this action for serveral times. The set can be degaussed thoroughly. External degaussing is necessary if the munual degaussing ineffective.

NOTE: The interval between every press action should be more than 10 second, otherwise it will be magnetization.

TROUBLE SHOOTING GUIDE

Many apparent malfunctions may be caused by slight misadjustment of regular controls or some other equally similar simple causes. If any problem arises in the operation of your set, first check through this list of symptoms and correction. Should the problem be unsettled, unplug the set and contact your dealer.

Symptoms	Check these things	Try these adjustment
No picture, no sound.	<ul style="list-style-type: none"> • Be sure power cord is plugged in. • Be sure the polarity of the power supply is correct when DC power supply • May be station trouble. Check antenna connections. • Maybe in AV mode. 	<ul style="list-style-type: none"> • Press POWER BUTTON • Try another channel. • Press AV button once.
Poor sound, picture OK.	<ul style="list-style-type: none"> • May be station trouble. • May be local interference from appliance. • Check antenna connections 	<ul style="list-style-type: none"> • Try another channel. • Re-orient antenna. • Adjust VOLUME control.
Poor picture, sound OK. Snowy picture Lines picture Distorted picture Weak picture.	<ul style="list-style-type: none"> • May be station trouble. • Check antenna connections. • Check antenna for broken wires. • May be local interference from appliance. 	<ul style="list-style-type: none"> • Try another channel. • Re-orient antenna. • Adjust BRIGHTNESS control. • Adjust CONTRAST control.
Multiple images (Ghost)	<ul style="list-style-type: none"> • May be station trouble. • Check antenna connections. • May be local interference. 	<ul style="list-style-type: none"> • Try another channel. • Re-orient antenna.
Poor colour or no colour	<ul style="list-style-type: none"> • May be station trouble. • Check antenna connections • Check antenna for broken wires. • May be local interference from appliance. 	<ul style="list-style-type: none"> • Try another channel. • Re-orient antenna. • Adjust COLOUR control.
Remote control does not work.	<ul style="list-style-type: none"> • Be sure power cord is plugged in. • Check battery in Remote Control Hand Unit 	<ul style="list-style-type: none"> • Change batteries.

SPECIFICATIONS :

TV System	: PAL/BG
Power Supply	: DC 12V
Channel Coverage	: VHFL 2-4; VHFG 5-12; UHF 28-61
Cable channel	: S1-S2
CRT	: 25cm
Audio output	: 0.7W Max.
Antenna Impedance	: VHF/CATV/UHF 75 ohm
Dimension (W x H x D)	: 265 x 235 x 305 (mm)
Weight	: 4.8 kg

AC power adapter	
Power input	: AC 240V, 50Hz
Power output	: DC 12V/4A
Dimension (W x H x D)	: 154 x 118 x 56 (mm)
Weight	: 0.5 kg

Car Battery Cord	: 1pc
------------------	-------

Remote Control Unit	
Power Supply	: DC 3V (2 x AAA)

* Design and specifications are subject to change without notices.

PALSONIC CORPORATION PTY LTD
1 JOYNTON AVENUE
WATERLOO NSW 2017 AUSTRALIA
TEL:(02)9313 7111
FAX:(02)9313 7555
www.palsonic.com.au

**PALSONIC CUSTOMER SERVICE
TELEPHONE
AUSTRALIA: 1300 657 888**